

AMENDMENT TO THE CLAIMS

1. (currently amended) A method for processing a change of state to update from a first environment state configuration to a second environment state configuration in a responsive environment comprising:

determining a type of response that the environment should provide in response to the change of state to reach the second environment state configuration;

defining response descriptions for the needed response instance having needed inputs in an application model;

storing the needed inputs in the response description;

creating a new notification;

defining a new notification description in a notification model;

associating the response descriptions within the new notification description;

and

then providing the new notification to a notification manager, wherein the notification manager is configured to receive a plurality of new notifications for a user received over time and to receive at least one response to the plurality of the new notifications from the user at the convenience of the user,

then continuing processing in the first configuration until the at least one user response is received from the user, wherein the at least one user response includes revised needed inputs; and

launching an application using the revised needed inputs when the user accepts the notification

~~then executing a response to reach the second configuration using the determined type of response by launching an application using the revised needed inputs.~~

2. – 3. (canceled).

4. (previously amended) The method of claim 1, wherein:

the response comprises launching an application and effecting a further change of state comprising sending a notification associated with the response.

5. (previously amended) The method of claim 1, further comprising:
determining if the response includes an immediate response event; and
if the response includes an immediate response event, initiating the immediate response event before providing the new notification to the notification manager.

6. (canceled).

7. (currently amended) A method for processing a response notification selection from a user to update from a first environment state configuration in a responsive environment comprising:

reporting to the responsive environment that ~~the user has selected~~ the response notification has been selected;

accessing the description for a notification object corresponding to the selection from a notification model;

retrieving a Uniform Resource Indicator (URI) for a corresponding application;

retrieving a description of the application;

displaying information about the notification and application parameters to the user;

querying the user to allow the user the opportunity to respond to accept or reject the notification from a list including a plurality of notifications received over time and continuing processing in the first environment state configuration until the user responds, wherein the user response includes revised needed inputs; and

launching the corresponding application using the revised needed inputs when the user accepts the notification

~~changing the environment context in response to the selection and revised application parameter data received from the user in response to the query.~~

8. (canceled).

9. (currently amended) The method of claim 7, wherein:
reporting to the responsive environment that the user has selected a response
notification comprises:
notifying an initiator
~~changing the environment context in response to the selection comprises~~
~~notifying an initiator of an initial message.~~

10. (original) The method of claim 7, further comprising:
terminating processing of the response notification if the user rejects the
response notification.

11. (original) The method of claim 10, wherein:
terminating processing comprises terminating an application.

12. (original) The method of claim 7, further comprising:
querying the user to allow the user the opportunity to explicitly accept the
notification.

13. (original) The method of claim 12, further comprising:
if the notification is accepted, launching the application using the application
parameters.

14. (original) The method of claim 12, further comprising:
querying the user to allow the user the opportunity to accept the notification and
to provide input to change the application parameters.

15. (original) The method of claim 14, further comprising:
if the user provides input to change the application parameters, creating new
application parameters based upon user input.

16. (original) The method of claim 15, further comprising:
launching the application using the new application parameters.

17. (canceled).

18. (previously presented) The method of claim 12, further comprising:
processing a default implicit answer to the query using a timer wherein
expiration of a time out count results in a selection of the default implicit answer.

19. (previously presented) The method of claim 12, further comprising:
permitting the user to further delay accepting or rejecting the notification.

20. (previously presented) The method of claim 1, wherein:
providing the new notification to a notification manager comprises displaying a
non-intrusive icon in a window.